

## Abstract

A method for incorporating an optical material into an optical fiber and optical devices utilizing the method are disclosed. Fiber material may be removed from the optical fiber to expose the fiber core and the core may then be at least partially removed. The optical material  
5 may then be incorporated into the core area to replace the removed core. Cladding material may then be deposited over the optical material and an electrode may be fixed to the cladding over the optical material to form an optical device.

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